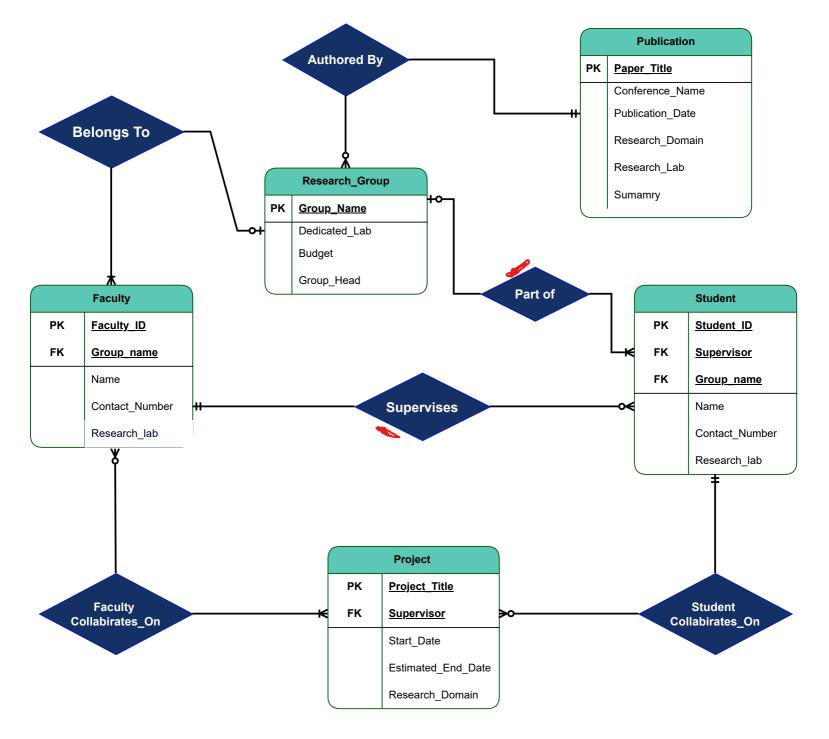
## **SQL Report(Lab 7)**



## Code to Create the Tables:

```
-- Create table for Research Group
CREATE TABLE Research Group (
    Group Name VARCHAR (100) PRIMARY KEY,
    Dedicated_Lab VARCHAR(100),
    Budget DECIMAL(10, 2),
    Group Head VARCHAR (100)
);
-- Create table for Faculty
CREATE TABLE Faculty (
    Faculty ID INT PRIMARY KEY,
    Name VARCHAR (100),
    Contact Number VARCHAR(15),
    Group_Name VARCHAR(100),
    FOREIGN KEY (Group_Name) REFERENCES
Research_Group(Group Name)
);
-- Create table for Student
CREATE TABLE Student (
    Student ID INT PRIMARY KEY,
    Name VARCHAR(100),
    Contact Number VARCHAR(15),
    Group_Name VARCHAR(100),
    Supervisor INT,
    FOREIGN KEY (Group_Name) REFERENCES
Research_Group(Group_Name),
    FOREIGN KEY (Supervisor) REFERENCES
Faculty(Faculty_ID)
```

```
-- Create table for Project
CREATE TABLE Project (
    Project_Title VARCHAR(100) PRIMARY KEY,
    Start_Date DATE,
    Estimated_End_Date DATE,
    Research_Domain VARCHAR(100),
    Supervisor INT,
    FOREIGN KEY (Supervisor) REFERENCES
Faculty(Faculty_ID)
);
```

```
CREATE TABLE Publication (
    Paper_Title VARCHAR(100) PRIMARY KEY,
    Conference_Name VARCHAR(100),
    Publication_Date DATE,
    Research_Domain VARCHAR(100),
    Summary TEXT,
    Group_Name VARCHAR(100),
    FOREIGN KEY (Group_Name) REFERENCES
Research_Group(Group_Name)
);
```

## **Droping all the existing Tables:**

```
DROP TABLE IF EXISTS Publication;
DROP TABLE IF EXISTS Project;
DROP TABLE IF EXISTS Student;
DROP TABLE IF EXISTS Faculty;
DROP TABLE IF EXISTS Research_Group;
```